

# California OES Weather Threat Briefing

Saturday, December 18, 2021  
9:00 AM PST

**Day 1 (Saturday):** Gusty Santa Ana winds of 40-50 mph are expected for Southern California mountains through this morning. Patchy dense fog may be lingering into the late morning across portions of the Central Valley and Bay Area this morning.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# **WEATHER KEY POINTS**

**12/18/21 - 12/24/21**

## **Saturday - Friday**

- Cold overnight and early morning temperatures are expected across much of the Central Valley and Bay area, ranging from the lower 30s to around 40. These temperatures may cause exposure impacts for the homeless and those without adequate heating.
- Weak Santa Ana winds, with gusts up to 40-50 mph, are expected to continue across portions of Southern Region through early Saturday afternoon, particularly across Los Angeles and Ventura Counties
- A change to a wet and windier pattern will occur late this weekend into early next week.
  - Light rain and gusty winds up to 50 mph will arrive on Sunday for coastal Humboldt and Del Norte counties, with widespread precipitation moving onshore into northern California late Monday. Showers, heavy at times, will continue intermittently throughout the week.
  - On Monday and Tuesday during the onset of the event, snow levels will range between 3000 ft and 4500 ft across northern California.
  - Preliminary expected rainfall amounts Monday/Tuesday through Saturday morning:
    - 2 to 4 inches across much of coastal northern California and the northern California valleys
    - 3 to 7 inches for the Sierra foothills and most Bay Area Mountains
    - 6 to 8+ inches (water equivalent including snow) over the Sierra mountains and North Bay mountains between Monday and Saturday morning
    - 0.5 inch to 1.25 inches in the San Joaquin Valley
  - Several feet of mountain snow are forecast above 5000 feet across the Sierra, with significant impact to mountain travel expected Tuesday through late week.
  - For the San Joaquin and Southern California, precipitation is forecasted for each period from Tuesday through the end of the week, but the heaviest accumulations of rain and snow are indicated for Wednesday through Friday. There is low confidence on timing and amounts for Southern California at this time, but this event could be a moderate to high impact rain event.



# CALIFORNIA WEATHER IMPACTS

12/18/21 - 12/24/21

<u>Hazards / Day</u>	SAT	SUN	MON	TUE	WED	THU	FRI
<b>Non-Thunderstorm Damaging Winds</b>	Southern (Early)						
<b>Snow</b>		Inland (North)	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland
<b>Coastal Flooding</b>							
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)							
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)							
<b>Heat Risk</b>							
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>			Coastal	Coastal/ Inland	All Regions	All Regions	All Regions
<b>Cold</b>	Coastal/ Inland						



No Impacts



Minimal Impacts



Moderate Impacts



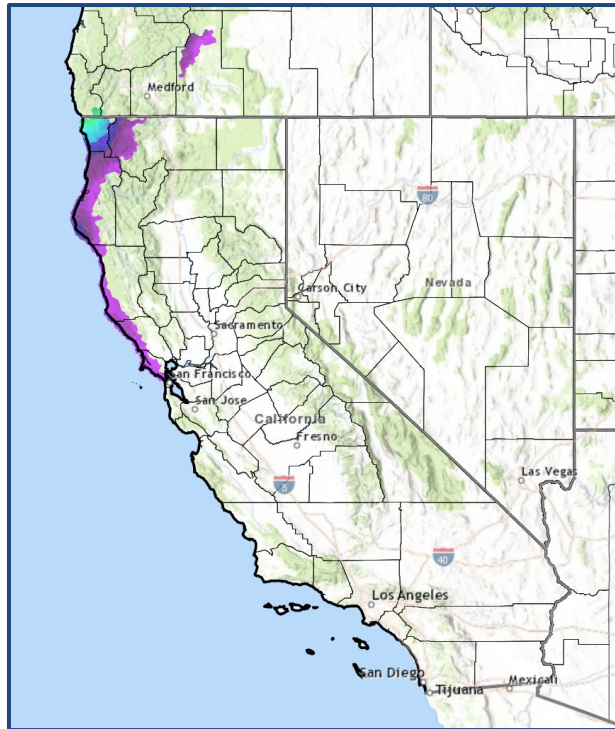
Severe Impacts

# PRECIPITATION FORECAST

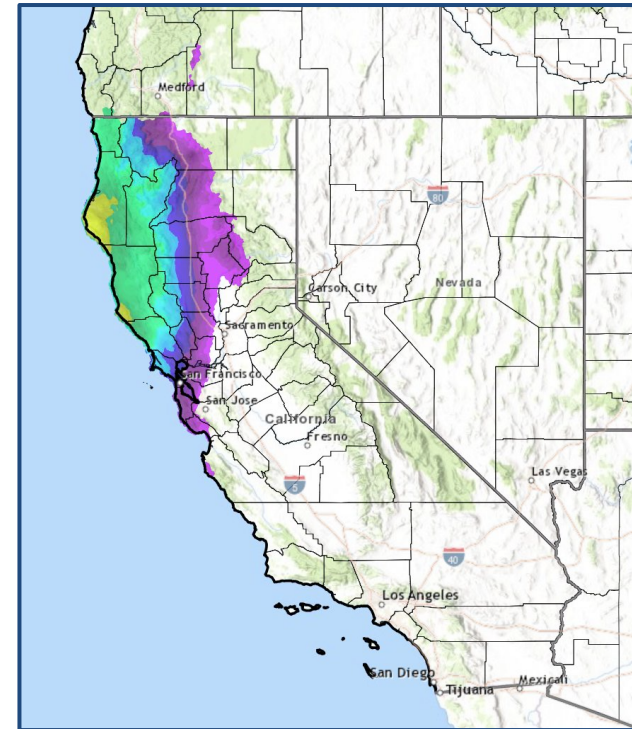
12/18/21 - 12/20/21



**Saturday**



**Sunday**



**Monday**

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

**Precipitation (inches)**



# **WEATHER OUTLOOK**

**12/23/21 - 12/31/21**

## **6-10 Day Outlook (December 23 – December 27)**

### **Temperatures**

- Above normal temperatures are favored across far southeast portions of California, with near normal for much of the central and southern Sierra and coastal central CA, and below normal conditions slightly favored across the Bay Area and northern California

### **Precipitation**

- Above normal precipitation is favored statewide, especially over the Sierra

## **8-14 Day Outlook (December 25 – December 31)**

### **Temperatures**

- Below normal temperatures are favored across northern and central California, with near normal temperatures favored for most of southern California

### **Precipitation**

- Above normal precipitation is favored statewide, with the highest probabilities for above normal precipitation across the Sierra



Information provided by:

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